PAGE: I

46

RAW SEQUENCE LISTING PATENT APPLICATION US/08/846,658B

DATE: 08/18/98
TIME: 09:57:42

INPUT SET: S28075.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

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1
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 2
 3
    (1)
            General Information:
 4
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      (i) APPLICANT: Adair, John R.
                      Athwal, Diljeet S.
 6
                      Emtage, John S.
 7
 8
 9
      (ii)
                 TITLE OF INVENTION: Humanised Antibodies
10
      (iii)
                 NUMBER OF SEQUENCES: 30 .
11
12
13
      (iv)
                 CORRESPONDENCE ADDRESS:
            (A)
14
                ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris
15
            (B)
                 STREET: One Liberty Place - 46th Floor
16
            (C)
                CITY:
                         Philadelphia
                 STATE: PA
17
            (D)
                 COUNTRY: USA
18
            (E)
19
            (F)
                 ZIP: 19103
20
21
      (v) COMPUTER READABLE FORM:
            (A) MEDIUM TYPE: Floppy disk
22
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            (B) COMPUTER: IBM PC compatible
                 OPERATING SYSTEM: PC-DOS/MS-DOS
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            (C)
25
            (D)
                 SOFTWARE: PatentIn Release #1.0, Version #1.25
26
27
      (vi)
                 CURRENT APPLICATION DATA:
                 APPLICATION NUMBER: US 08/846,658
28
            (A)
            (B)
29
                 FILING DATE: 01-MAY-1997
30
            (C)
                 CLASSIFICATION:
31
32
                 ATTORNEY/AGENT INFORMATION:
      (viii)
33
                NAME: Trujillo, Doreen Yatko
            (A)
34
                 REGISTRATION NUMBER: 35,719
            (B)
35
            (C)
                 REFERENCE/DOCKET NUMBER: CARP-0057
36
                 TELECOMMUNICATION INFORMATION:
37
      (ix)
38
            (A)
                 TELEPHONE: (215) 568-3100
39
                TELEFAX: (215) 568-3439
40
41
42
    (2) INFORMATION FOR SEQ ID NO:1:
43
44
      (i) SEQUENCE CHARACTERISTICS:
45
            (A) LENGTH: 20 base pairs
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(B) TYPE: nucleic acid

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RAW SEQUENCE LISTING PATENT APPLICATION US/08/846,658B

DATE: 08/18/98 TIME: 09:57:43

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(C) STRANDEDNESS: single
47
            (D) TOPOLOGY: linear
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50
         (ii) MOLECULE TYPE: cDNA
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52
53
      (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
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    (2) INFORMATION FOR SEQ ID NO:2:
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            (A) LENGTH: 9 amino acids
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RAW SEQUENCE LISTING PATENT APPLICATION US/08/846,658B

DATE: 08/18/98 TIME: 09:57:44

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111													-ma			~~~	50
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114					-	-22	•	-20				•	-15				
115																	
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127				20					•								
128	AAG	тса	GGC	ACC	חרר	CCC	ΔΔΔ	ΔCΔ	TGG	ΔΤΤ	TAT	GAC	ACA	TCC	ΔΔΔ	СТС	242
129											Tyr						
130	цуs	261	40	1111	Ser	FIO	БУЗ	45	11p	116	- y -	YSP	50	Der	L y S	шса	
131			40					43					30				
	a a m	mam	003	ama	aam	aam.	CAC	mma	200	aaa	AGT	aca	mam.	aaa	N.C.C	m/cm	290
132																	230
133	АТА		GIY	vaı	PIO	АТА		Pne	Arg	GIY	Ser		Ser	GIA	1111	Ser	
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135																	222
136											GAA						338
137	-	Ser	Leu	Thr	Ile		СТĀ	Met	GLu	Ala	Glu	Asp	Ala	АТа	Thr	_	
138	70					75					80					85	
139																	
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141	Tyr	Cys	Gln	Gln	Trp	Ser	Ser	Asn	Pro	Phe	Thr	Phe	Gly	Ser	Gly	Thr	
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145											Pro						
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147																	
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149											Gly						
150			120					125		1	1		130			- 1 -	
151			120					123									
152	ጥጥር	ጥጥረነ	ልልሮ	אמ	ጥጥር	ጥአሮ	ממת	2 2 2	GAC	ልጥሮ	ААТ	GTC	ልልሮ	ሞርር	ΔAG	ערית Σ	530
132	110		AAC	AAC	110	IAC		AAA	OAC	AIC	AA.	010	AAG	- 55			230

RAW SEQUENCE LISTING PATENT APPLICATION US/08/846,658B

DATE: 08/18/98 TIME: 09:57:45

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158				Glu													
159	150	017	D 01	014	9	155		01,			160					165	
160	150					133					100					103	
	asa	3.00		GAC	3.00	3.00	mag	3.00	» ma	3.00	3.00	8.00	ama	200	mmc	ACC.	626
161																	020
162	ASP	Ser	гÀг	Asp		Thr	Tyr	ser	мет		ser	Thr	Leu	THE		Thr	
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164																_:_	
165				TAT													674
166	Lys	Asp	Glu	Tyr	Glu	Arg	His	Asn	Ser	Tyr	Thr	Cys	Glu	Ala	Thr	His	
167				185					190					195			
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174																	
175	AAG	ייתיטיתי	raa	אמממי	ייירכי	יר אנ	אממר	יפריייי	ቦ ልሮር	ግ ል ርግጥር	ያጥጥር	CGG	гаста	מידיר	ACC	CCTCC	842
176	AAG	3101	100 /	1000		JO A	JANO		. AC	JAO I		-			11.00		V12
177	CAC	amaai	י שתח	יים כייים	יכיייכי	TT C		פר כישר	r aca	որորդու	ቦልጥረ	እሞርረ	ית גידיי	י ידי איז	יייעכי	AGAAAA	902
178	CAC	CICC	110	ICCI		J1 C	JC 1 1 .	ICCI.	ı GG	-111.	IMIC	AIG	- IAM	LAI .	1160	NOAAAA	902
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179	TAT'	TCAA'	raa 2	AGTG/	AGTC	TT TO	CCT.	rgaa <i>i</i>	A AA	AAAA	AAAA	A					943
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180 181										AAAA	AAAA	A					943
180 181 182				AGTG <i>i</i> FION						AAAA	AAAA	A					943
180 181 182 183		INF	ORMA'	rion	FOR	SEQ	ID I	NO : 5	:		AAAA	A					943
180 181 182 183 184		INF	ORMA'	rion Sequi	FOR ENCE	SEQ CHAI	ID I	NO:5	: Tics	:		A					943
180 181 182 183 184 185		INF	ORMA'	FION SEQUI	FOR ENCE A) Li	SEQ CHAI ENGTI	ID I RACTI H: 2:	NO:5: ERIS:	: TICS: mino	:		A					943
180 181 182 183 184		INF	ORMA'	FION SEQUI	FOR ENCE A) Li	SEQ CHAI ENGTI	ID I RACTI H: 2:	NO:5	: TICS: mino	:		A					943
180 181 182 183 184 185		INF	ORMA'	FION SEQUE (1	FOR ENCE A) LI 3) T	SEQ CHAI ENGTI YPE:	ID I RACTI H: 2: amin	NO:5: ERIS:	: TICS mino cid	:		A					943
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180 181 182 183 184 185 186		INF	ORMA'	FION SEQUE (1	FOR ENCE A) LI B) TY	SEQ CHAI ENGTI YPE: DPOLO	ID I RACTI H: 2: amin DGY:	NO:5: ERIST 35 ar no ac line	: TICS mino cid ear	:		A					943
180 181 182 183 184 185 186 187		INF	ORMA'	FION SEQUE (1) (1)	FOR ENCE A) LI B) TY	SEQ CHAI ENGTI YPE: DPOLO	ID I RACTI H: 2: amin DGY:	NO:5: ERIST 35 ar no ac line	: TICS mino cid ear	:		A					943
180 181 182 183 184 185 186 187 188		INF	ORMA'	FION SEQUE (1) (1)	FOR ENCE A) LI B) TO	SEQ CHAI ENGTI YPE: DPOLO	ID I RACTI H: 2: amii OGY:	NO:5: ERIST 35 ar no ac line	rics mino cid ear	: acio	ls						943
180 181 182 183 184 185 186 187 188 189		INF	ORMA'	FION SEQUE (1) (1)	FOR ENCE A) LI B) TO	SEQ CHAI ENGTI YPE: DPOLO	ID I RACTI H: 2: amii OGY:	NO:5: ERIST 35 ar no ac line	rics mino cid ear	: acio	ls						943
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180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201	Met -22 Val	INFO	ii) : ii) : Phe -20 Ile	FION SEQUE (I (I MOLEC SEQUE Gln Ser	FOR ENCE A) LI B) TO CULE ENCE Val Arg Pro 15	SEQ CHAI ENGTH YPE: DPOLO TYPH DESC Gln Gly	ID I RACTI H: 2: amin DGY: E: pi CRIP Ile Gln l Glu	NO:5: ERIST 35 ar no ac line rote: FION: Phe -15 Ile Lys	: rICS mino cid ear in : SE val Val	: acid Q ID Phe Leu Thr 20	NO: Leu Thr 5 Met	5: Leu Gln Thr	-10 Ser Cys	Pro Ser	Ala Ala 25	Ile 10 Ser	943
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180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201	Met -22 Val	INFO	ii) : ii) : Phe -20 Ile	FION SEQUE (I (I MOLEC SEQUE Gln Ser	FOR ENCE A) LI B) TO CULE ENCE Val Arg Pro 15	SEQ CHAI ENGTH YPE: DPOLO TYPH DESC Gln Gly	ID I RACTI H: 2: amin DGY: E: pi CRIP Ile Gln l Glu	NO:5: ERIST 35 ar no ac line rote: FION: Phe -15 Ile Lys	: rICS mino cid ear in : SE val Val	: acid Q ID Phe Leu Thr 20	NO: Leu Thr 5 Met	5: Leu Gln Thr	-10 Ser Cys	Pro Ser	Ala Ala 25	Ile 10 Ser	943
180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202	Met -22 Val Met Ser	INFO (: Asp Ile -5 Ser Ser	ii) : ii) : Phe -20 Ile Ala Val	FION SEQUE (I (I MOLEC SEQUE Gln Ser Ser Ser 30	FOR ENCE A) LI B) TO CULE ENCE Val Arg Pro 15	SEQ CHAI ENGTH YPE: DPOLO TYPH DESO Gln Gly Gly Met	ID I RACTI H: 2: amin DGY: E: pi CRIP Ile Gln l Glu Asn	NO:5: ERIST 35 ar no ac line rote: FION: Phe -15 Ile Lys	rics mino cid ear in ser Val Val Tyr 35	e acid	NO:S Leu Thr 5 Met	E: Leu Gln Thr	-10 Ser Cys Ser	Pro Ser Gly 40	Ala Ala 25 Thr	Ile 10 Ser	943
180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203	Met -22 Val Met Ser	INFO (: Asp Ile -5 Ser Ser	ii) : ii) : Phe -20 Ile Ala Val	FION SEQUE (I (I MOLEC SEQUE Gln Ser Ser	FOR ENCE A) LI B) TO CULE ENCE Val Arg Pro 15	SEQ CHAI ENGTH YPE: DPOLO TYPH DESO Gln Gly Gly Met	ID I RACTI H: 2: amin DGY: E: pi CRIP Ile Gln l Glu Asn	NO:5: ERIST 35 ar no ac line rote: FION: Phe -15 Ile Lys	rics mino cid ear in ser Val Val Tyr 35	e acid	NO:S Leu Thr 5 Met	E: Leu Gln Thr	-10 Ser Cys Ser	Pro Ser Gly 40	Ala Ala 25 Thr	Ile 10 Ser	943

RAW SEQUENCE LISTING PATENT APPLICATION US/08/846,658B

DATE: 08/18/98 TIME: 09:57:46

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237			205					210								
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241		(i)	SEO	IENCI	с сни	ARACI	PERTS	STICS	S:							
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SEQUENCE VERIFICATION REPORT PATENT APPLICATION *US/08/846,658B*

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